

[illegible]

5 Please cancel 1-18, without prejudice, and substitute the following claims  
therefor:

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22. A passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a piezoelectric diaphragm that has a surface acoustic wave resonant pattern.

23. A passive microphone as claimed in claim 22, wherein the diaphragm is composed of a crystal.

24. A passive microphone as claimed in claim 22, wherein the diaphragm  
5 is composed of lithiumniobate.

25. A passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a surface acoustic wave delay line.

10 26. A passive microphone as claimed in claim 19, wherein the piezoelectric device comprises a first device for detecting the at least one acoustic signal and a second device for storing the electromagnetic excitation energy and converting the at least one acoustic signal into the at least one electrical signal.

15 27. A passive microphone as claimed in claim 26, wherein the first device comprises a diaphragm.

28. A passive microphone as claimed in claim 26, wherein the diaphragm is composed of a metal.

20 29. A passive microphone as claimed in claim 26, wherein the second device comprises a diaphragm that has a surface acoustic wave resonant structure.

25 30. A passive microphone as claimed in claim 26, wherein the second device comprises a surface acoustic wave delay line.

31. A passive microphone as claimed in claim 19, further comprising:  
at least one additional piezoelectric device for detecting acoustic signals, wherein the piezoelectric device and the at least one additional piezoelectric

device are configured such that the detected acoustic signals are differentially converted into the electrical signals.

5 32. A passive microphone as claimed in claim 19, wherein the passive microphone further comprises a device that compensates for disturbance variables.

10 33. A passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in a form of short high-frequency signals.

15 34. A passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in a form of periodically repeated high-frequency signals.

20 35. A passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in a form of excitation signals that have a large bandwidth-time product.

36. A passive microphone as claimed in claim 19, wherein the piezoelectric device receives the electromagnetic excitation energy from the receiving unit in a form of a continuous frequency-modulated excitation signal.